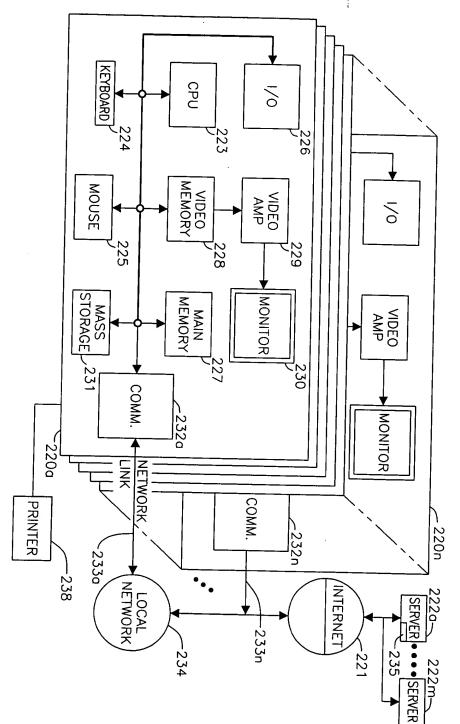
Attorney: Raymond R. 1auan...

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SECURE CREDIT TRANSACTION PROCESSING
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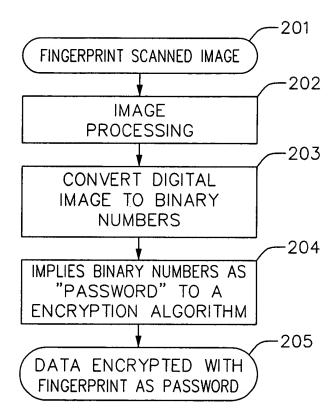


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Inventor(s): Young Wan Kim

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FIG.2



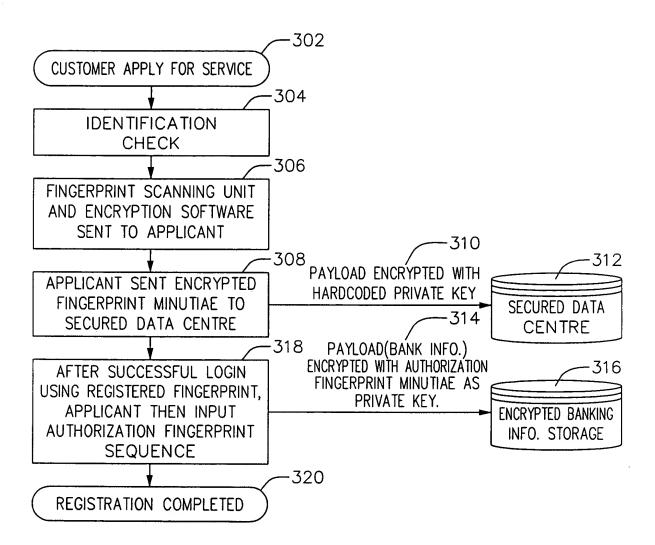
Attorney: Raymond R. Tabandeh

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FIG.3



1 40 . V.

Inventor(s): Young Wan Kim
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SECURE CREDIT TRANSACTION PROCESSING Sheet 4 of 16 **PERSONAL** POINT OF **MOBILE** FIG.4 DEVICE COMPUTER **SALES** 422 420 424 00000 0000 **FINGERPRINT** -426 CUSTOMER PERFORM READER A PURCHASE PAYMENT OPTION 402 CUSTOMER INPUT USER ID AND LOGIN FINGERPRINT SCAN 418 404 416 POPUP SCREEN SHOWING **MATCHING** AVAILABLE CREDIT CARD TO **SERVER** CHOOSE FOR PAYMENT 406 SECURE RELAY CUSTOMER CHOOSE CREDIT/DEBIT DATA CENTRE 000000 CARD TO BE CHARGED TO AND SUBMIT AUTHORIZATION 000000 FINGERPRINT SEQUENCE 408 CREDIT CARD INFORMATION THEN SENT TO MERCHANT BANK FOR CREDIT CLEARANCE -410 SECURE RELAY MERCHANT BANK PROCESS 000000 DATA CENTRE REQUEST AND RETURN APPROVAL CODE 000000 -412 SYSTEM NOTIFY CUSTMER OF PURCHASE ACTION WITH PREDIFINED NOTIFICATION METHOD -414

Raymond R. Tabandeh

45474/RRT/N258

Attorney:

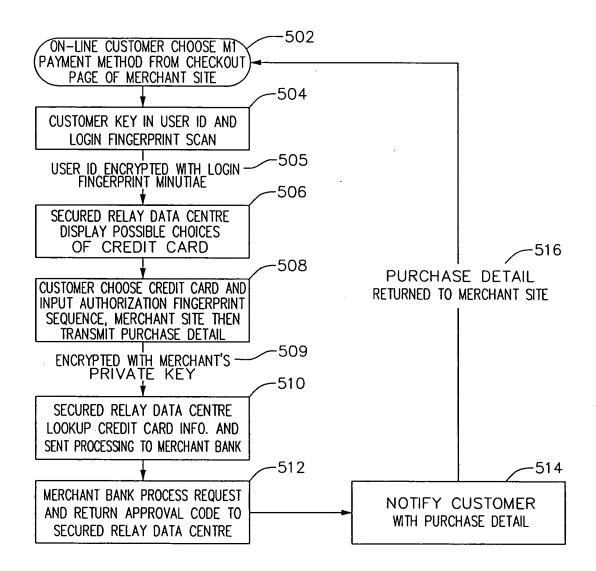
APPROVAL CODE RETURN TO CUSTOMER. TRANSACTION COMPLETED

Docket No.:

Raymond R. Tabandeh Attorney: 45474/RRT/N258 Docket No.:

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FIG.5



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604 **PERSONAL** 632-COMPUTER 602 **MOBILE** POS DEVICE **DEVICE** 0000 630 0000 MODEM MERCHANT 606 606 608-LOCAL ISP **COMMUNICATION TOWER** MOBILE 000000 ON-LINE ISP SHOPPING MALL 000000 TRANSACTION **NOTIFICATION** 610a **ENCRYPTED BANKING** INFO. STOTAGE 610b 610a <u>SECOND</u> 610 FIREWALL **FIREWALL** RELAY DATA **MATCHING** CENTER **TERMINAL** 612 COMMUNICATION **SERVER** CENTRE NOTIFICATION SERVER MODEM 0000 614 SECURE RELAY DATA CENTRE MODEM 0000 MERCHANT **MERCHANT** BANK BANK SYSTEM FINANCIAL SYSTEM NETWORK FIG.6

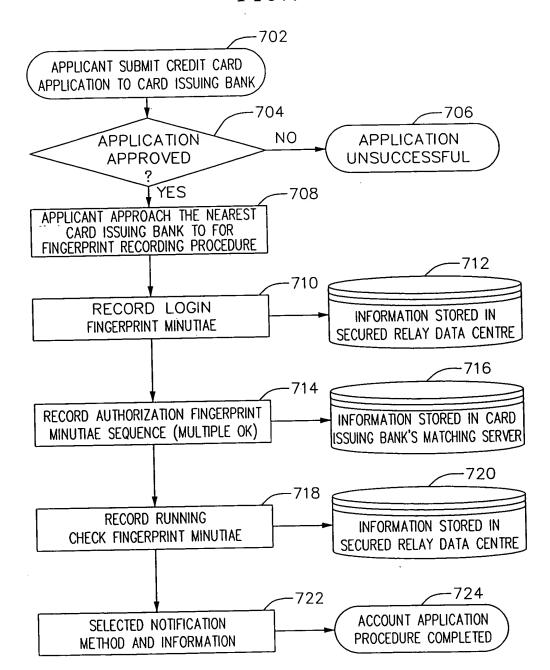
MERCHANT BANK SITE

620

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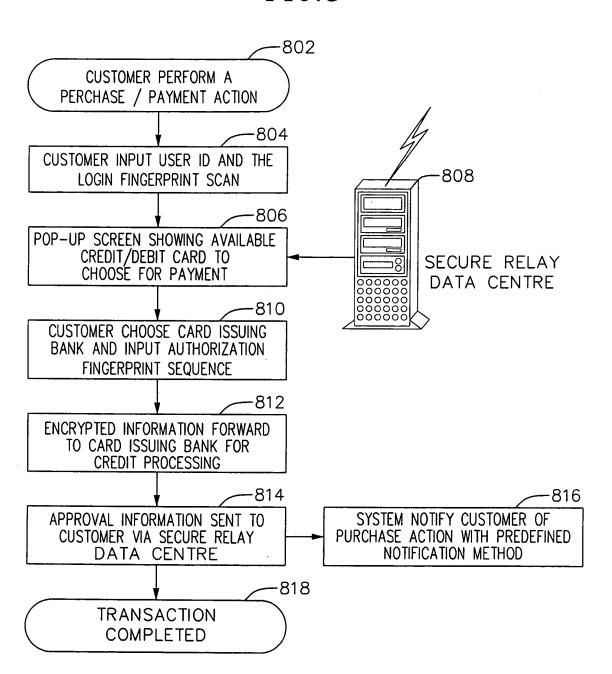
FIG.7



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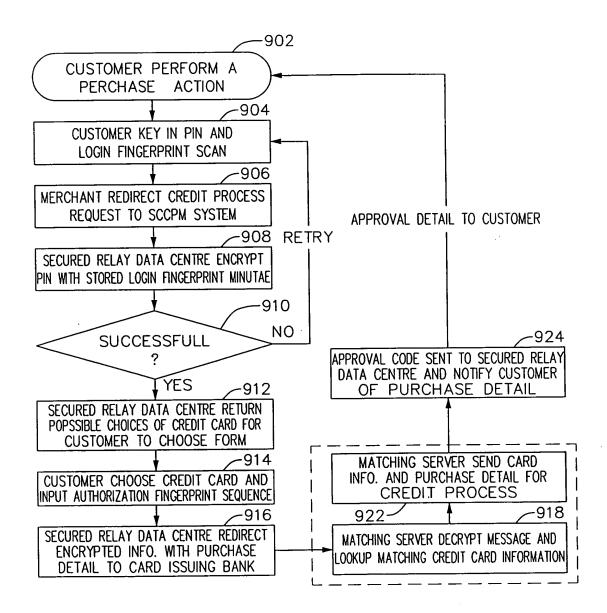
FIG.8



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FIG.9



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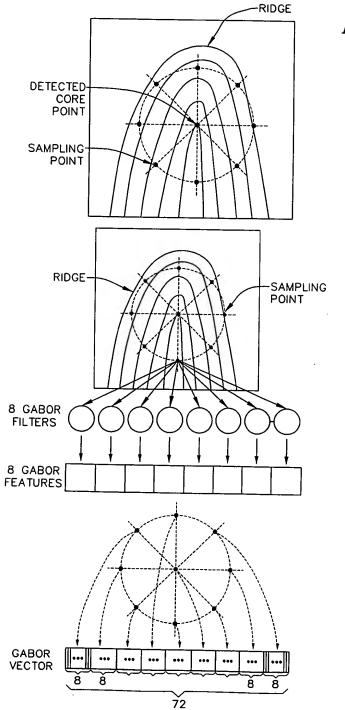
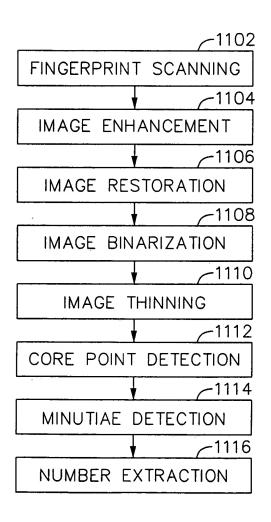


FIG. 10

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FIG. 11



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FIG. 12A



FIG. 12B

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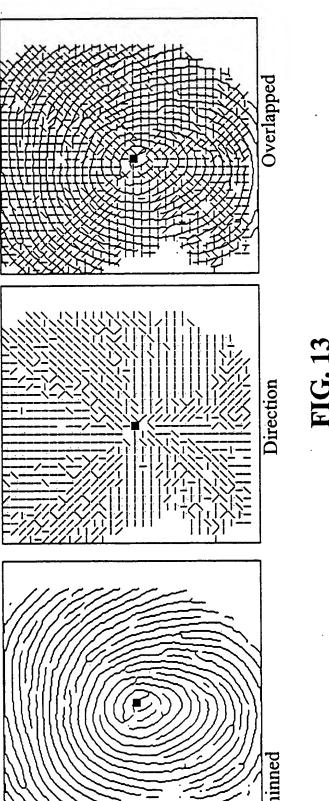
Docket No.: 45474/RRT/N258

Inventor(s): Young Wan Kim

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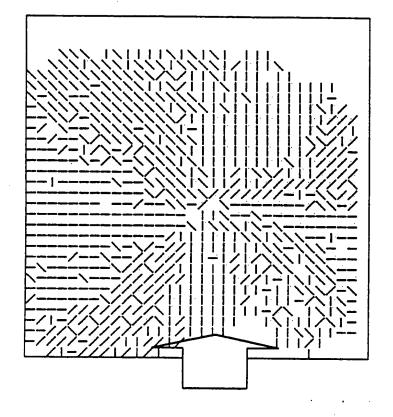
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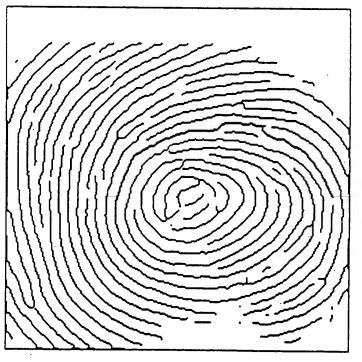
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FIG. 15A

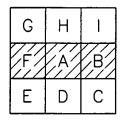


FIG. 15B

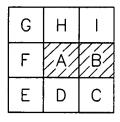


FIG. 15C

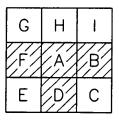
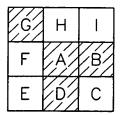
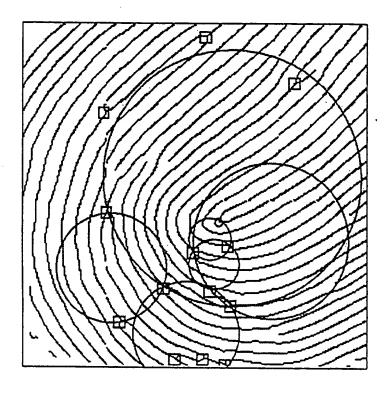


FIG. 15D



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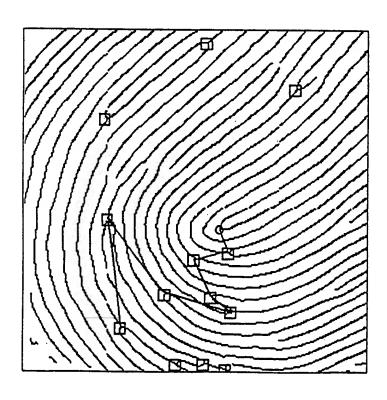


FIG. 16A